

REMARKS

The Office Action mailed November 14, 2008 has been carefully considered. Reconsideration in view of the following remarks is respectfully requested.

Rejection(s) Under 35 U.S.C. § 101

Claims 1-10 stand rejected under 35 U.S.C. § 101 as allegedly not falling within one of the four statutory categories of invention. Claim 1, from which the remaining claims depend, has been amended grammatically to expressly recite steps for performing analytical calculation and to clarify that it is not directed to a use claim by removing the colon and term “comprising” appearing in the preamble to avoid confusion. Further, claim 1 recites a process of reconstructing an image, including, *inter alia*, weighting measurements and retroprojecting modified measurements, all of which involve statutory transformation of underlying subject matter (image, data, measurements, etc.)

Rejection(s) Under 35 U.S.C. § 112, Second Paragraph

Claims 1-10 stand rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. It is believed that the amendments to claim 1 discussed above obviate this rejection and withdrawal of same is respectfully requested.

Conclusion

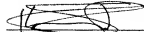
In view of the preceding discussion, Applicants respectfully urge that the claims of the present application define patentable subject matter and should be passed to allowance.

If the Examiner believes that a telephone call would help advance prosecution of the present invention, the Examiner is kindly invited to call the undersigned attorney at the number below.

Please charge any additional required fees, including those necessary to obtain extensions of time to render timely the filing of the instant Amendment and/or Reply to Office Action, or credit any overpayment not otherwise credited, to our deposit account no. 50-3557.

Respectfully submitted,

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